1958 Shows to Highlight IGY

Morrison Planetarium's first five shows in 1958 will compose a series devoted to the International Geophysical Year, George Bunton, Planetarium manager, announced recently.

The five shows, to be given in January, February, March, April and May, will explore various phenomena of nature now under study as part of the IGY. The shows are January, *Beginnings and Endings;* February, *Our Restless Planet;* March, *Nature's Fireworks;* April, *Marvels of the Moon;* and May, *The Storming Sun.*

Titles for the June and July-August shows were also announced. The June show will be *The Stars Beyond* and *Man's Future in Space* will be the July-August offering.

Exhibits, Foreign Department

Cecil Tose and his exhibits staff recently received a letter from Charles Dornbach, formerly a member of the Academy exhibits department and now employed by the United States Information Service in Karachi, Pakistan, which indicated exhibit-makers in that part of the world are indeed in a favorable position.

Dornbach wrote: "You should be doing your exhibits in this end of the world to be really appreciated. I opened a small exhibit last Friday at the Local Museum called 'Asian Artists in Crystal' and at the preview, 150 invited guests including four Ambassadors, the Foreign Diplomatic Corps and high-ranking Pakistani officials attended. Sunday we had to call out extra police to hold the crowds in check. The exhibit is only open in the evenings: 4:30 p. m. to 9 p. m. and more than 4,000 people went through on Sunday." Sounds like a thoroughly satisfying response.

He continued: "The whole family has arrived and we are settled in a temporary house with seven servants. It's funny how quickly you get used to all the service and complain when your coffee isn't served in bed on time or your bath is too hot. It's really a man's country, though, and Laura has to put up with all the service I get and the fact the servants find her pretty much in the way . . ."

He also said the family is in good health and enjoying Karachi, and he closed by sending his good wishes to all his friends among Academy members and staff members.

Astronomy Section Meeting

Charles Hagar, assistant Curator of Astronomy at the Academy, will conduct the December meeting of the Astronomy Section at 8:15 p. m., Thursday, December 19, in the Student Lecture Room. The topic will be "The Story of Our Calendar."

New Members

New members who joined the Academy last month are:

Regular Membership
- Mrs. Martha E. DeKinder
- Mr. Ervin J. Pedersen
- Mr. William Philpott
- Dr. Henry Santina

Family Membership
- Mr. and Mrs. Warner W. Angerer
- Mr. Henry O. Scott

Student Membership
- Joel Hoyer
- Martin McGrath
- Alex Sheleketinsky

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No Boundaries for the Academy

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December Announcement

THE REGULAR DECEMBER MEETING of the California Academy of Sciences will be held at 8:15 P. M., Wednesday, December 18, in the May Treat Morrison Auditorium. This month's lecturer will be Mrs. John C. Stone, widely known as a scientific illustrator for the University of California for the past twenty years.

In addition to her illustrative talents, Mrs. Stone is also a writer and lecturer. She is no longer with the University because she is currently devoting most of her time to completing a biography of the man who will be the subject of her December 18 lecture for Academy members:

"ANDREW JACKSON GRAYSON"

In his comparatively short life—about fifty years—Andrew Jackson Grayson was many things; a California pioneer, a Louisiana storekeeper, a miner, city clerk of San Francisco, a book seller and a member of the Legislative Assembly among others.

But perhaps Academy members are most familiar with Grayson's occupation as a student and painter of birds of the Pacific slope. Inspired by an Audubon Birds Folio, Grayson began painting the birds of California in 1853. From that time until his death in 1869, he painted more than 150 folio-sized watercolors of birds native to California and Mexico. Most of the paintings are now housed in the Bancroft Library. In the opinion of most artists, Grayson's bird paintings are at least equal to those of Audubon.

Mrs. Stone will tell of the years Grayson devoted to the study and painting of Pacific slope birds and in addition, she will present biographical highlights in the life of this California pioneer and artist. Her lecture will be illustrated with colored slides of many of Grayson's famous bird paintings which all Academy members and their friends are cordially invited to see.

TRAVELERS IN THE PACIFIC

PACIFIC DISCOVERY's absent editor, Don Greame Kelley, reported last week that he and Dr. Robert C. Miller, Academy director, were being kept hopping by their various duties at the Ninth Pacific Science Congress in Bangkok, Thailand. Dr. Miller, who is due back at the Academy as this is mailed, confirmed this with a picture post card view of Wat Arun which he had been taken to see at 6:45 A. M., apparently about the only time he wasn't scheduled to participate in sessions of the Congress.

Another Academy staff member, Morrison Planetarium manager George Bunton, returned late last month from Boulder, Colorado, where he participated in a planning session for the 1958 eclipse expedition to the South Pacific. The eclipse will be in October of next year and Bunton will join the expedition as a representative from the Academy. Expedition headquarters will be in the

Danger Island group. Transportation to the islands will be furnished by the United States Navy.

SCIENCE KNOWS NO BOUNDARIES

THE WORLD-WIDE INFLUENCE of the Academy is clearly illustrated in an exhibit recently put on public display in the Science Museum. One portion of the exhibit shows the Academy's international standing as a research institution with a display of envelopes from scientific institutions all over the world. The envelopes contained scientific publications which the widely-scattered institutions sent to the Academy in exchange for Academy *Proceedings, Memoirs* and *Occasional Papers*.

Another portion of the exhibit is composed of envelopes in which arrived correspondence from some 96 different countries; correspondence seeking information on various research projects being carried out by Academy staff members.

The exhibit shows that science is international; information gained from scientific research carried on by the Academy and other scientific institutions observes no territorial boundaries. A look at the return addresses on the scores of envelopes the Academy has received in the past few months certainly bears this out.

Incidentally, the exhibit is a philatelist's delight. All of the envelopes on display are colorfully pasted up with the stamps issued by the many countries in which they were mailed.

COUNCIL HAS NEW MEMBERS

TWO NEW MEMBERS were recently appointed to fill vacancies on the Academy Council. The newly appointed members are Vincent I. Compagno, of Chickering and Gregory, San Francisco firm of attorneys, and Dr. George F. Papenfuss, professor of botany at the University of California.

VORTEX III SET FOR JANUARY

THE THIRD in the popular series of concerts using experimental sound techniques —co-sponsored by the Academy and FM Station KPFA—will be held in Morrison Planetarium next month.

Vortex III will be given at 8 and 9:15 P. M. on Monday and Tuesday, January 6 and 7, as a followup to Vortex I and II, both of which met with much enthusiasm among Bay Area residents.

The program for Vortex III will be completely different from the programs of preceding concerts. In addition, new visual and lighting effects will be added to Vortex III. Admission will again be charged.

BUILDING PLANS GIVEN PRELIMINARY APPROVAL

THE ACADEMY'S PLANS to construct a three-story library annex cleared two hurdles recently when the Recreation and Park Commission approved the Academy's application for authority to use the land in Golden Gate Park bounded by the Morrison Planetarium and the Science Museum.

In a later meeting, preliminary plans for the annex, which will also house the Alice Eastwood Hall of Botany and the Academy's herbarium, were approved by the Art Commission. Milton Pflueger, architect, prepared the plans for the new structure.